

IN THE ABSTRACT:

Delete the abstract and substitute therefor:

--A mist supply mechanism for supplying mist under pressure to a rotary tool provided on a rotating shaft, and implementing cooling and/or lubricating of the rotary tool during workpiece-machining is configured so that the rotary tool is provided at a sleeve of a necessary length circumferentially engaging with the rotating shaft; a plurality of mist supply passages extending in the axial direction are provided in the sleeve; and the mist is supplied to the rotary tool through the mist supply passage.--